## Apprenticeship Manitoba

Water and Wastewater Technician POA (2011) Subtask to Unit Comparison

	POA Subtask	Manitoba Unit(s)
Task		
1.01	Monitors electrical systems.	A1 Trade Safety Awareness. (A & C Board Standard)
1.01	Monitors electrical systems.	A4 Trade Science And Trade Electricity
1.02	Utilizes systems such as Supervisory	A5 Computer Science Applications
1.02	Control and Data Acquisition (SCADA),	B1 Introduction to Process Control
	Program Logic Controller (PLC),	
	Distributed Control System (DCS).	
1.03	Applies computer knowledge and skills.	A5 Computer Science Applications
1.00	Applies computer knowledge and skills.	B1 Introduction to Process Control
1.04	Monitors generators and back-systems.	A5 Computer Science Applications
		B1 Introduction to Process Control
1.05	Ability to perform tests on water and	A4 Trade Science And Trade Electricity
	wastewater.	C3 Water Treatment Laboratory Analysis I
		D5 Wastewater Treatment Laboratory Analysis I
Task	2 – Applies, follows and conforms with le	egislation, regulation and by-laws.
2.01	Complies with water and wastewater	A2 Orientation I: The Structure & Scope of Water &
	legislation, by-laws and codes.	Wastewater Technician Trade Learning (A & C Board
		Standard)
		A3 Orientation II: The Job of Journeywork: Workplace Skills-
		Coaching & Mentoring(A & C Board Standard)
2.02	Complies with operation license and	A2 Orientation I: The Structure & Scope of Water &
	environment license.	Wastewater Technician Trade Learning (A & C Board
		Standard)
Task	3 - Performs record keeping.	
3.01	Records data (e.g. daily, monthly yearly).	A5 Computer Science Applications
3.02	Generates reports.	A5 Computer Science Applications
Task	4 – Communicates with internal personn	
4.01	Accesses computerized management	A5 Computer Science Applications
4.01	maintenance system.	
4.02	Communicates in accordance with	A2 Orientation I: The Structure & Scope of Water &
4.02	policies and procedures.	Wastewater Technician Trade Learning (A & C Board
	policies and procedures.	Standard)
		A5 Computer Science Applications
Task	5 – Maintains safe workplace.	
5.01	Follows provincial safety regulations.	A1 Trade Safety Awareness. (A & C Board Standard)
5.02	Follows workplace safety policies and	A1 Trade Safety Awareness. (A & C Board Standard)
0.02	procedures.	
5.03	Follows standard operating procedures.	A1 Trade Safety Awareness. (A & C Board Standard)
5.50		
Task	6 – Participates in security protocols.	
6.01	Follows emergency response plan.	A1 Trade Safety Awareness. (A & C Board Standard)
6.02	Performs inspections.	A1 Trade Safety Awareness. (A & C Board Standard)
6.02	Performs record keeping.	A5 Computer Science Applications
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	POA Subtask	Manitoba Unit(s)
6.04	Maintains security systems.	A5 Computer Science Applications
6.05	Operates security systems.	A5 Computer Science Applications
6.06	Troubleshoots security systems.	A5 Computer Science Applications
Task	7 – Monitors intake facility.	
7.01	Operates intake facility.	C1 Water Treatment I
7.01	operates intake rability.	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
7.02	Maintains intake facility.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
Tack	8 – Receives raw water.	
8.01	Checks influent flow.	C1 Water Treatment I
0.01	Oneeks mildent now.	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
8.02	Checks reservoir level.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
8.03	Adjusts influent flow.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
Task	9 – Sampling and testing of water.	
9.01	Collects water samples.	C1 Water Treatment I
		C5 Water Distribution I
		C6 Water Distribution II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
9.02	Performs laboratory tests.	C1 Water Treatment I
9.03	Adjusts water treatment process.	C1 Water Treatment I
Task '	10 – Maintains pumps.	
10.01	Operates pumps.	B3 Hydraulics & Blueprint Reading
10.02		B3 Hydraulics & Blueprint Reading
10.03		B3 Hydraulics & Blueprint Reading
	11 – Operates treatment systems.	C1 Water Treetment I
<b>Task</b> /		C1 Water Treatment I
	11 – Operates treatment systems.	C2 Water Treatment II
	11 – Operates treatment systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I
	11 – Operates treatment systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II
	11 – Operates treatment systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I
	11 – Operates treatment systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I
	11 – Operates treatment systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I C6 Water Distribution II
	11 – Operates treatment systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I C6 Water Distribution II D3 Wastewater Treatment I
11.01	11 – Operates treatment systems. Operates chemical handling systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I C6 Water Distribution II D3 Wastewater Treatment I D4 Wastewater Treatment II
11.01	11 – Operates treatment systems. Operates chemical handling systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I C6 Water Distribution II D3 Wastewater Treatment I D4 Wastewater Treatment II C1 Water Treatment II C2 Water Treatment II C3 Water Treatment II
11.01	11 – Operates treatment systems. Operates chemical handling systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I C6 Water Distribution II D3 Wastewater Treatment I D4 Wastewater Treatment II C1 Water Treatment II C2 Water Treatment II C3 Water Treatment II C4 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II
11.01	11 – Operates treatment systems. Operates chemical handling systems.	C2 Water Treatment II C3 Water Treatment Laboratory Analysis I C4 Water Treatment Laboratory Analysis II C5 Water Distribution I C6 Water Distribution II D3 Wastewater Treatment I D4 Wastewater Treatment II C1 Water Treatment II C2 Water Treatment II C3 Water Treatment II

	POA Subtask	Manitoba Unit(s)
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.03	Troubleshoots chemical handling	C1 Water Treatment I
	systems.	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.04	Operates clarification system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.05	Maintains clarification system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.06	Troubleshoots clarification system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
11.07	Operates addimentation system	D4 Wastewater Treatment II
11.07	Operates sedimentation system.	C1 Water Treatment I
		C2 Water Treatment II C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis I
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.08	Maintains sedimentation system	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.09	Troubleshoots sedimentation system	C1 Water Treatment I
	-	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.10	Monitors coagulation process.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
44.44		D4 Wastewater Treatment II
11.11	Maintains coagulation process.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
14.40		D4 Wastewater Treatment II
11.12	Troubleshoots coagulation process.	C1 Water Treatment I

	POA Subtask	Manitoba Unit(s)
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.13	Operates softening system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.14	Maintains softening system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.15	Troubleshoots softening system.	C1 Water Treatment I
_	3.,	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.16	Operates a filtration system.	C1 Water Treatment I
-		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.17	Maintains filtration system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.18	Troubleshoots filtration system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.19	Operates disinfection system.	C1 Water Treatment I
_		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.20	Maintains disinfection system.	C1 Water Treatment I
	·····	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.21	Troubleshoots disinfection system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
11.22	Operates recarbonation system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
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POA Subtask		Manitoba Unit(s)
		C4 Water Treatment Laboratory Analysis II
11.23	Maintains recarbonation system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.24	Troubleshoots recarbonation system.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.25	Operates solid handling system.	C1 Water Treatment I
11.20		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
11.26	Maintains solid handling system.	C1 Water Treatment I
	5,	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
44.07		Od Water Treatment I
11.27	Troubleshoots solid handling system.	C1 Water Treatment I
		C2 Water Treatment II C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis I
		Of Water Heatment Laboratory Analysis in
	2 – Receives treated water.	
12.01	Performs point sampling.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II C5 Water Distribution I
		C6 Water Distribution II
12.02	Collects samples for bacteriological	C1 Water Treatment I
	analysis.	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
12.03	Performs chlorines residual tests.	C1 Water Treatment I
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
10.04	Porformo turbidity tooto	C6 Water Distribution II
12.04	Performs turbidity tests.	C1 Water Treatment I C2 Water Treatment II
		C2 Water Treatment II C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis I
		C5 Water Distribution I
		C6 Water Distribution II
	3 – Stores treated water.	Od Water Treatment I
13.01	Operates storage facilities.	C1 Water Treatment I
		C2 Water Treatment I abaratany Apolysia I
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II C5 Water Distribution I
		C6 Water Distribution I
13.02	Maintains storage facilities.	C1 Water Treatment I
10.02	maintains storage racilities.	

	POA Subtask	Manitoba Unit(s)
		C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
13.03	Troubleshoots storage facilities.	C1 Water Treatment I
10.00	Troubleshoots storage racinites.	C2 Water Treatment II
		C3 Water Treatment Laboratory Analysis I
		C4 Water Treatment Laboratory Analysis II
		C5 Water Distribution I
		C6 Water Distribution II
Task 1	4 – Distributes treated water.	
14.01	Operates distribution pumps and/or	B3 Hydraulics & Blueprint Reading
	water tower.	
14.02	Maintains distribution pumps and /or	B3 Hydraulics & Blueprint Reading
	water tower.	
14.03	Troubleshoots distribution pumps	B3 Hydraulics & Blueprint Reading
	and/or water tower.	
Tack 1	5 – Reads distribution flow meters.	
15.01	Reads meter.	C4 Water Treatment Laboratory Analysis II
13.01		C6 Water Distribution II
		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems I
		D3 Wastewater Treatment I
45.00		D4 Wastewater Treatment II
15.02	Interprets results.	C4 Water Treatment Laboratory Analysis II
		C6 Water Distribution II
		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
Task 1	6 - Operates pipeline system.	
16.01	Operates valves.	C5 Water Distribution I
-		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment I
16.02	Maintains valves.	C5 Water Distribution I
		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment
16.03	Maintains fire protection flows.	C5 Water Distribution I
. 0.00		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
16.04	Operates hydrants.	C5 Water Distribution I
10.04		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems I
		D3 Wastewater Treatment I
16.05	Maintaina hydranta	D4 Wastewater Treatment II
16.05	Maintains hydrants.	C5 Water Distribution I
		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I

	POA Subtask	Manitoba Unit(s)
		D4 Wastewater Treatment II
Test		
17.01	7 – Maintains pipeline system. Swabbing pipeline (a.k.a. pigging)	C5 Water Distribution I
17.01	Swabbing pipeline (a.k.a. pigging)	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems I
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
17.02	Flushing problems.	C5 Water Distribution I
		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I D4 Wastewater Treatment II
17.03	Maintains meters.	C5 Water Distribution I
17.00		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
17.04	Installs cathodic protection system.	C5 Water Distribution I
		D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II D3 Wastewater Treatment I
		D3 Wastewater Treatment I
17.05	Performs leak detection.	C5 Water Distribution I D1 Wastewater Collection Systems I
17.00		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
	8 - Repairs pipeline system.	
18.01	Repairs leaks.	C5 Water Distribution I
18.02	Thaws frozen line.	C5 Water Distribution I
18.03 18.04	Replaces pipe. Replaces curbstops.	C5 Water Distribution I C5 Water Distribution I
10.04	Replaces curbstops.	
Task 1	9 - Installs new distribution systems.	
19.01	Installs new distribution piping and	C5 Water Distribution I
	valves.	
19.02	Installs service lines.	C5 Water Distribution I
	0 – Installs distribution meters.	
20.01 20.02	Maintains meters. Troubleshoots meters.	C5 Water Distribution I C5 Water Distribution I
20.02	Repairs meters.	C5 Water Distribution I
20.03	Flushing service line connections.	C5 Water Distribution I
20.04	Thushing service line connections.	
Task 2	1 – Prevents cross connections.	
21.01	Inspects pipeline systems.	C5 Water Distribution I
21.02	Installs backflow prevention devices.	C5 Water Distribution I *Requires certification through plumbing trade
21.03	Maintains backflow prevention devices.	C5 Water Distribution I *Requires certification through plumbing trade
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	2 – Operates wastewater collection sys	
22.01	Collects wastewater with gravity	D1 Wastewater Collection Systems I
22.02	system.	D2 Wastewater Collection Systems II
22.02	Operates lift stations.	D1 Wastewater Collection Systems I D2 Wastewater Collection Systems II
22.03	Maintains lift stations.	D1 Wastewater Collection Systems I
22.00		D2 Wastewater Collection Systems I
22.04	Troubleshoots lift stations.	D1 Wastewater Collection Systems I
-		D2 Wastewater Collection Systems II
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	POA Subtask	Manitoba Unit(s)
22.05	Operates force main systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
22.06	Maintains force main systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
22.07	Troubleshoots force main systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
22.08	Collects wastewater in low pressure	D1 Wastewater Collection Systems I
	system.	D2 Wastewater Collection Systems II
	3 – Maintains wastewater collection sy	
23.01	Inspects manholes.	D1 Wastewater Collection Systems I
23.02	Performs flushing and/or sewer jetting.	D2 Wastewater Collection Systems II D1 Wastewater Collection Systems I
23.02	Performs hushing and/or sewer jetting.	D1 Wastewater Collection Systems I
23.03	Borforms comoro inspections	D1 Wastewater Collection Systems I
23.03	Performs camera inspections.	D2 Wastewater Collection Systems II
23.04	Performs root control.	
23.04		D1 Wastewater Collection Systems I D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D3 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
ſ		D6 Wastewater Treatment Laboratory Analysis I
		*Requires chemical handling and RUL
23.05	Cleans bar screens.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
23.06	Performs smoke testing.	D1 Wastewater Collection Systems I
	*not typical in Canadian municipalities	D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
23.07	Performs mandrel testing.	D1 Wastewater Collection Systems I
	*not typical in Canadian municipalities	D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
Techo		
24.01	4 – Installs new wastewater collection s Installs new collection piping.	D1 Wastewater Collection Systems I
24.01		D2 Wastewater Collection Systems II
		Dz Wastewater Conection Systems in
24.02	Installs service lines.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
	5 – Receives wastewater.	
25.01	Monitors wet well levels.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
25.02	Maintains wet well levels.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
25.03	Troubleshoots wet well levels.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
	<u> </u>	D4 Wastewater Treatment II
<b>Task 2</b> 26.01	6 –Sampling and testing of wastewater Collects wastewater samples.	D1 Wastewater Collection Systems I

	POA Subtask	Manitoba Unit(s)
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
26.02	Performs laboratory tests.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
26.03	Adjusts wastewater treatment process.	D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
Task 27	– Services pumps.	
	Operates pumps.	B3 Hydraulics & Blueprint Reading
	Maintains pumps.	B3 Hydraulics & Blueprint Reading
	Troubleshoots pumps.	B3 Hydraulics & Blueprint Reading
21.00		
Task 28	– Services headworks.	
28.01	Operates headworks.	B3 Hydraulics & Blueprint Reading
	Adjust for conditions.	B3 Hydraulics & Blueprint Reading
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Task 29	<ul> <li>Services primary treatment systems</li> </ul>	
29.01	Operates primary treatment systems.	D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
29.02	Operates sludge removal systems.	D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
00.00		D6 Wastewater Treatment Laboratory Analysis I
29.03	Maintains primary treatment systems.	D3 Wastewater Treatment I
		D4 Wastewater Treatment I
		D5 Wastewater Treatment Laboratory Analysis I D6 Wastewater Treatment Laboratory Analysis I
29.04	Troubleshoots primary treatment	D3 Wastewater Treatment I
	systems.	D4 Wastewater Treatment II
	Systems.	D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
	- Services secondary treatment syste	
30.01	Services secondary treatment systems.	D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
	Maintains secondary treatment	D3 Wastewater Treatment I
1	systems.	D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
	Tasakisaka da kasaka da kasaka da kasaka	D6 Wastewater Treatment Laboratory Analysis I
	Troubleshoots secondary treatment	D3 Wastewater Treatment I
	systems.	D4 Wastewater Treatment I
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
Task 21	- Services tertiary treatment systems.	
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	Operates tertiary treatment systems.	D I wastewater Collection Systems I
	Operates tertiary treatment systems.	D1 Wastewater Collection Systems I D2 Wastewater Collection Systems II
	Operates tertiary treatment systems.	D2 Wastewater Collection Systems I D2 Wastewater Collection Systems II D3 Wastewater Treatment I
	Operates tertiary treatment systems.	D2 Wastewater Collection Systems II

	POA Subtask	Manitoba Unit(s)
		D6 Wastewater Treatment Laboratory Analysis I
31.02	Maintains tertiary treatment systems.	D1 Wastewater Collection Systems I
01.02	maintaine tertary readment by terter.	D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
31.03	Troublochests tertion, treatment	
31.03	Troubleshoots tertiary treatment	D1 Wastewater Collection Systems I
	systems.	D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
Teels 2	2. Comisso residuale handling quater	-
	2 – Services residuals handling system	
32.01	Operates residuals handling systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
32.02	Maintains residuals handling systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
32.03	Troubleshoots residuals handling	D1 Wastewater Collection Systems I
	systems.	D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
Task 3	3 – Services disinfection systems.	
33.01	Operates disinfection systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I
33.02	Maintains disinfection systems.	D1 Wastewater Collection Systems I
55.0Z		D2 Wastewater Collection Systems I
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
00.00	The share to disinfer the state	D6 Wastewater Treatment Laboratory Analysis I
33.03	Troubleshoots disinfection systems.	D1 Wastewater Collection Systems I
		D2 Wastewater Collection Systems II
		D3 Wastewater Treatment I
		D4 Wastewater Treatment II
		D5 Wastewater Treatment Laboratory Analysis I
		D6 Wastewater Treatment Laboratory Analysis I